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October 29, 2004

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Mail Stop: Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Appl. No.: 09/677,574; Filed: October 3, 2000

For: High Fidelity Polymerases and Uses Thereof

Inventors:

Shuwei YANG et al.

Our Ref:

0942.4500004/BJD/HCC

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. PTO Fee Transmittal Form (PTO/SB/17);
- 2. Sixth Supplemental Information Disclosure Statement Under 37 C.F.R. § 1.97(d);
- 3. A listing of the cited documents on Form PTO-1449 (2 pages);
- 4. Copies of the cited documents (AT54 and AR55);
- 5. One (1) return postcard; and
- 6. Credit Card Payment Form (PTO-2038) in the amount of \$180.00 to cover the Information Disclosure Statement fee.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents October 29, 2004 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Robert W. Esmond Attorney for Applicants

Registration No. 32,893

RWE/BJD/HCC/AWL:ddc Enclosures

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PTO/SB/17 (10-03)

Under the Paperwork Leduction Actor U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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EEE TOANS	MITTA	ıl	Complete if Known					
FEE TRANS	IVIIIIA	┗┊[	Application Number		Numb	per 09/677,574		
for FY 2	005	Filing Date				October 3, 2000		
Effective 10/01/2003. Patent fees are sub		L	First Named Inventor			ntor Shuwei YANG	Shuwei YANG	
	<u> </u>	Examiner Name Hutson, Richard G.						
Applicant claims small entity status. S		Art U	nit	_	1652			
TOTAL AMOUNT OF PAYMENT	TOTAL AMOUNT OF PAYMENT (\$) 180.00				Attorney Docket No. 0942.4500004/BJD/HCC			
METHOD OF PAYMENT (check	METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued)							
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Account Number Deposit Account Name 19-0036  Sterne, Kessler, Goldsterne, LLLC.	1051 1052	130 50	2051 2052	65 25	Surcharge - late filing fee or oath Surcharge - late provisional filing fee or cover sheet	Fee Paid		
The Director is authorized to: (check all that ap Charge fee(s) indicated below Cred Charge any additional fee(s) or any underpay	it any overpayments ment of fee(s)	1053 1812 1804	130 2,520 920*		2,520	Non-English specification  For filing a request for ex parte reexamination  Requesting publication of SIR prior to  Examiner action		

Charge any additional fee(s) or any underpayment of fee(s)					1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.						1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
	FEE CALCULATION				1251	110	2251	55	Extension for reply within first month		
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		Small Ent				1253	980	2253	490	Extension for reply within third month	
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1002	350	2002 17	-	Design filing fee				2401	170	Notice of Appeal	
1003	550	2003 27	-	Plant filing fee		1402	340	2402	170	Filing a brief in support of an appeal	
1004	790	2004 39	95	Reissue filing fee		1403	300	2403		Request for oral hearing	<del></del>
1005	160	2005 8	80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
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				1453	1,370	2453	685	Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1501	1,370	2501	685	Utility issue fee (or reissue)					
				Extra Claims below		1502	490	2502	245	Design issue fee	
	Claims	<u> </u>	- 20	**=	<u>                                     </u>	1503	660	2503	330	Plant issue fee	
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1202 1201	18 88	2202 2201	-	Claims in excess of 20 Independent claims in e	excess of 3	1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
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1204	86	2204	43	** Reissue independent	t claims		ı			examined (37 CFR 1.129(b))	
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**or number prev	iously paid, if greater; For Reissues, see above	Reduced by Basic Filin	g Fee Paid	SUBTOTAL	(3) <sub>(\$)</sub>	80,00
SUBMITTED BY				(Complete (if	applicable))	
Name (Print/Type)	Robert W. Esmond	Registration No. (Attorney/Agent)	32,893	Telephone	(202) 371-26	500
Signature	Koluta Somal			Date	October 29, 2	004

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shuwei YANG et al.

Appl. No.: 09/677,574

Filed: October 3, 2000

For: High Fidelity Polymerases and

Uses Thereof

Confirmation No.: 1982

Art Unit: 1652

Examiner: Hutson, Richard G.

Atty. Docket: 0942.4500004/BJD/HCC

Sixth Supplemental Information Disclosure Statement Under 37 C.F.R. § 1.97(d)

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Sixth Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Fifth Supplemental Information Disclosure Statement filed on May 4, 2004, in connection with the above-captioned application. A copy of the documents are provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached Form PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was

actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Enclosed find our Credit Card Payment Form (PTO-2038) in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p); in addition:

I hereby state that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

It is respectfully requested that the Examiner initial and return a copy of the enclosed Form PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Robert W. Esmond Attorney for Applicants Registration No. 32,893

Date: October 29, 2004

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

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